

1 GCCACCAAGCATCTACGTTCAAATTAATGTTGCCCTAGTGGTAAAGGACAGAGACCCCTCAGACTGATGAAATGGGCTCAGAATTACTTAGACAA  
 37 AGCGGATATTTGCCACTCTCTTCCCTTTTCTGTGTTTTTGTAGTGAAGAGACCTGAAAGAAAAAGTAGGGAGAACATAATGAGAACAATAACG  
 193 GTAACTCTTCATTGCTAGTTCAGTGCTGGACTTGGGACTTAGGAGGGGCAATGGAGCCGCTTAGTGCCTACATCTGACTTGGACTGAAATATA  
 289 CGTCAGAGACAAGATTGTCTCATATCCGGGGAAATCATACCTATGACTAGGACCGGAAGAGGAAGCACTGCCTTTACTTCAGTGGGAATCTCGGC  
 385 CTCAGCCTGCAAGCCAAAGTGTTCACTGAGAAAAGCAAGAGAATAAGCTAATACTCTGTCTCTGAACAAAGGCAGCGGCTCTTGGTAAAGCTACT  
 481 CCTTGATCGATCCTTTGCAACCGGATTGTCAAAGTGGACCCCAAGGGGAGAGTGGAGGCAAGAACTTACCACCAAGCACTCCAAGAGGCCAGAA  
 577 GCAAACCTGGAGGCTGAGACCCAAAGAAAGCTGGAAACATGCTGACTTTGTACACTGTGAGGACACAGAGTCTGTTCTCGAAAGCCAGTGTCAAC  
 L E V R P K E S W N H A D F V H C E D T E S V P G K P S V N 30  
 673 GCAGATGAGGAAGTGGAGCTCCCAAATCTGCCGTGTATGTGGGACAAGGCCACTGGCTATCACTTCAATGTCTGACATGTGAAGGATGCAAG  
 A D E E V G C P Q I C R V C G D K A T G Y E F M V M T C E G C K 62  
 769 GGCTTTTTCAGGAGGGCCATCAAACGCAAGCCCGGCTGAGGTGCCCCCTTCGGGAAGGGCGCTGGAGATCACCCGGAAGACCCGGGACAGTCC  
 G F F R R A M K R N A R L R C F P R K G A C E I T R K T R R Q C 94  
 865 CAGGCTCTCCCGCTGCGCAAGTGCCTGGAGAGCGGCATGAAGAAGGAGATGATCATGTCCGACGAGCCGCTGGAGGAGAGCGGGCTTGATCAAG  
 Q A C R L R K C L E S G M K K E M I M S D E A V E E R R A L I K 126  
 961 CGGAAGAAAAGTCAACCGACAGGGAAGTCAAGCACTGGGAGTGCAGGGGCTGACAGAGGAGCAGCCGATGATGATCAGGGAGCTGATGGACGCTCAG  
 R K K S E R T G T Q P L G V Q G L T E E Q R M M I R E L M D A Q 158  
 1057 ATGAAACCTTTGACACTACCTTCTCCCATTTCAAGAATTTCCGGCTGCCAGGGGTGCTTAGCAGTGGCTGGAGTGGCAGAGCCTCTGCAGGCC  
 M K T F D T T F S H F K N F R L P G V L S S G C E L P E P L Q A 190  
 1153 CCATCGAGGGAAGAAGCTGCCAAGTGGAGCCAGGTCCGGAAGATCTGTCTCTTTGAAGGTCTCTCTGCAAGCTGCGGGGGAGGATGCCAGTGT  
 P S R E E A A K W S Q V R K D L C S L K V S L Q A A G G G W Q C 222  
 1249 CTGGAATAACAACNCCAGCCGACAGTGGCGGAAGAGATCTTCTCCCTGCTGCCCCACATGGCTGACATGTCAACCTACATGTTCAAGGCATC  
 L E L Q T P S R Q W R K E I F S L L P H M A D M S T Y M F K G I 254  
 1345 ATCAGCTTTGCCAAGTCACTCTCTACTTCAGGGAGTTCGCCATCGAGGACAGATCTCCCTGCTGAAGGGGGCGGCTTTCGAGCTGTGTCACTG  
 I S F A K V I S Y F R D L P I E D Q I S L L K G A A F E L C Q L 286  
 1441 AGATTCAACACAGTGTTCACGCGGAGACTGGAACCTGGGAGTGTGGCCGGCTGTCTACTGCTTGGAGACACTGCAGGTGGCTTCCAGCAACTT  
 R F N T V F N A E T G T W E C G R L S Y C L E D T A G G F Q Q L 318  
 1537 CTACTGGAGCCCATGCTGAAATCCACTACATGCTGAAGAAGCTGCAGCTGCATGAGGAGGAGTATGTGCTGATGCAGGCCATCTCCCTCTTCTCC  
 L L E P M L K F H Y M L K K L Q L H E E E Y V L M Q A I S L F S 350  
 1633 CCAGACCGCCAGGTCTCTGTCAGCACCCCGTGGTGGACCAGCTGCAGGAGCAATTCGCCATTACTCTGAAGTCTACATTGAATGCAATCGGGCC  
 P D R P G V L Q H R V V D Q L Q E Q P A I T L K S Y I E C N R P 382  
 1729 CAGCCTGCTCATAGGTTCTGTCTCTGAAGATCATGGCTATGCTACCGAGTCCCGCAGCATCAATGCTCAGCACACCCAGCGGCTGCTGGGCATC  
 Q P A H R F L F L K I M A H L T E L R S I N A Q H T Q R L L R I 414  
 1825 CAGGACATACACCCCTTTGCTACGCCCTCATGCAGGAGTGTTCGGCATCAGGTAAGCTGAGCGGCTGCCTTGGGTGACACCTTCGAGAGGCAG  
 Q D I H P F A T P L M Q E L F G I T G S 436  
 1921 CCAGACCCAGAGCCCTCTGAGCCGGCACTCCCGGCCAAGACAGATGGACACTGCCAAGAGCCGCAATGCCCTGCTGGCTGTCTCCCTAGGGAA  
 2017 TTCTGCTATGACAGCTGGCTAGCATCTCTCAGGAAGGACATGGGGTCCCC 2068

FIG. 1A

0940000-0400000

hSXR



mPXR.1



xBXR



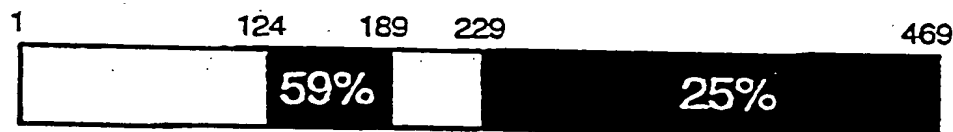
hVDR



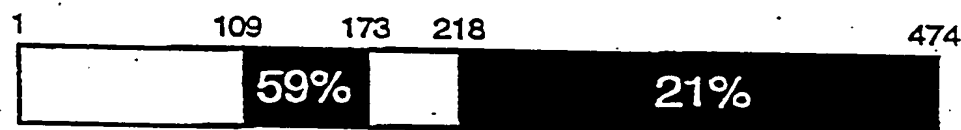
hCAR $\alpha$



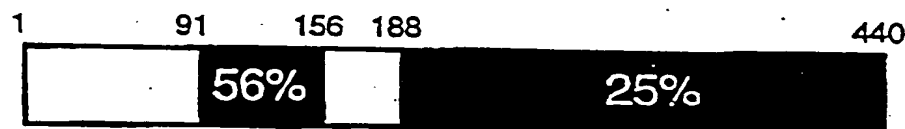
rFXR



mPPAR $\alpha$



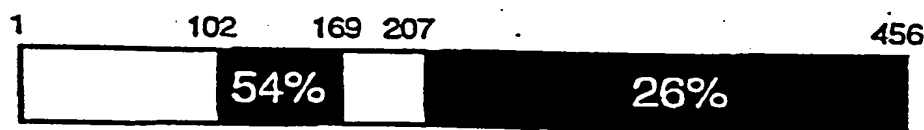
hLXR $\alpha$



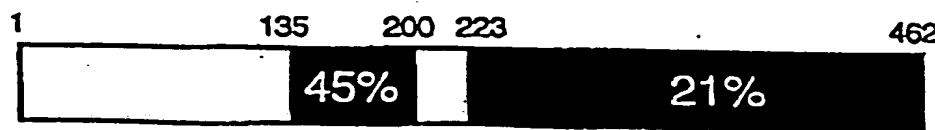
hRAR $\alpha$ 1



hTR $\beta$



hRXR $\alpha$



hGR $\alpha$

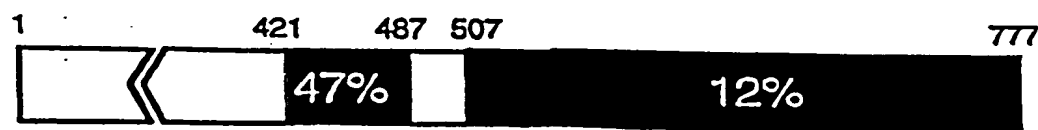


FIG. 1B

09040000 042001

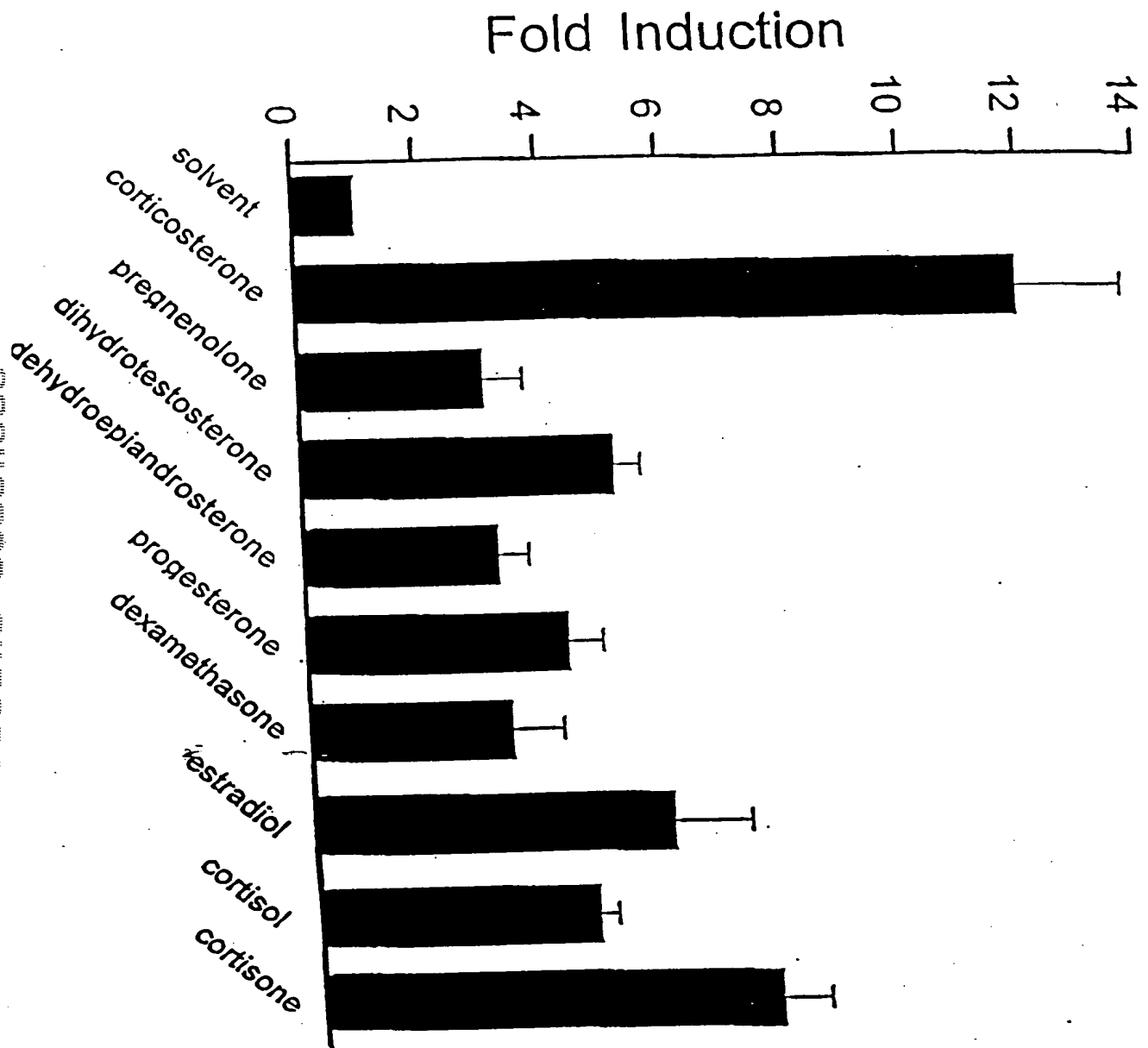


FIG. 2

05840003.042001

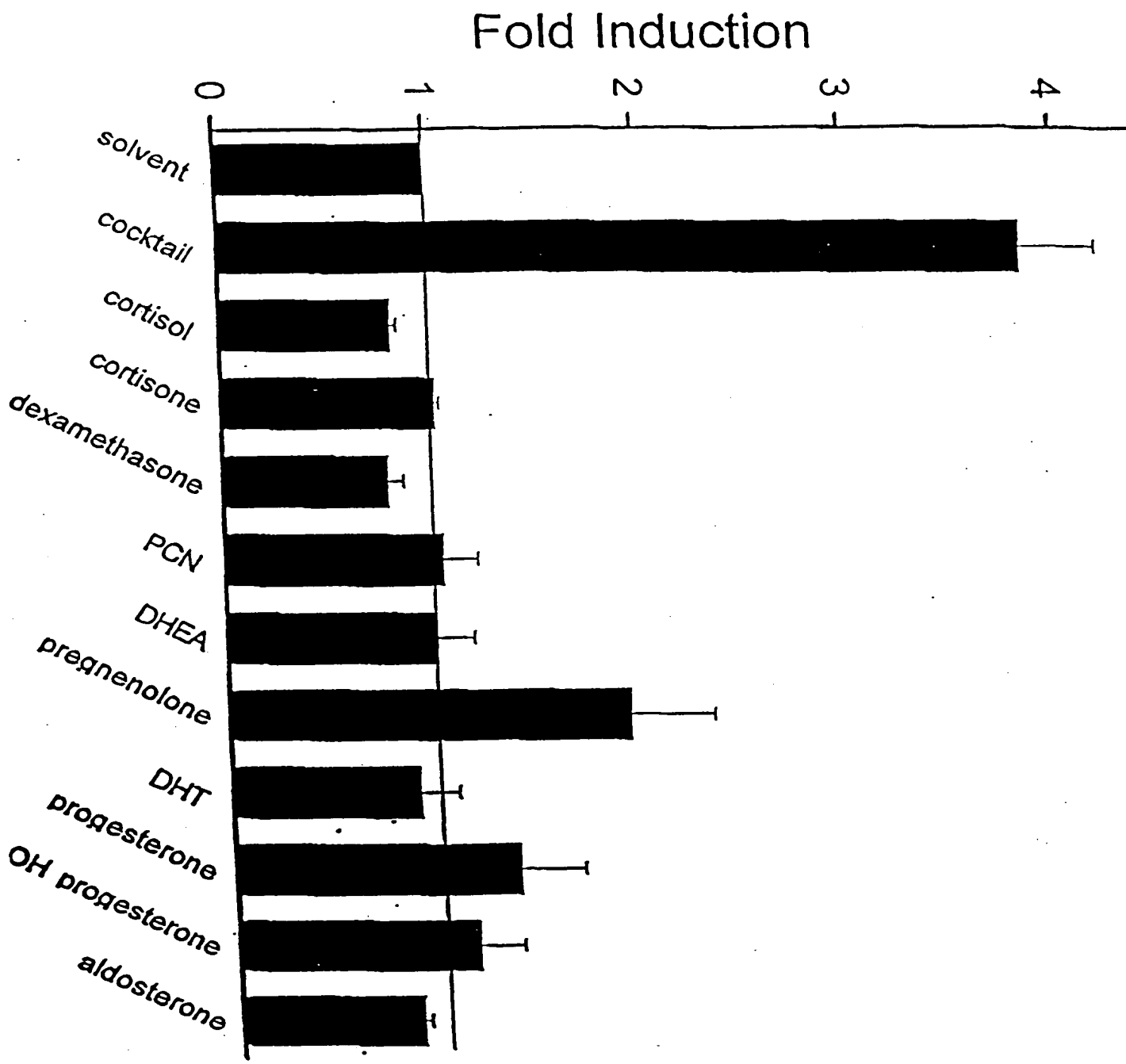


FIG. 3

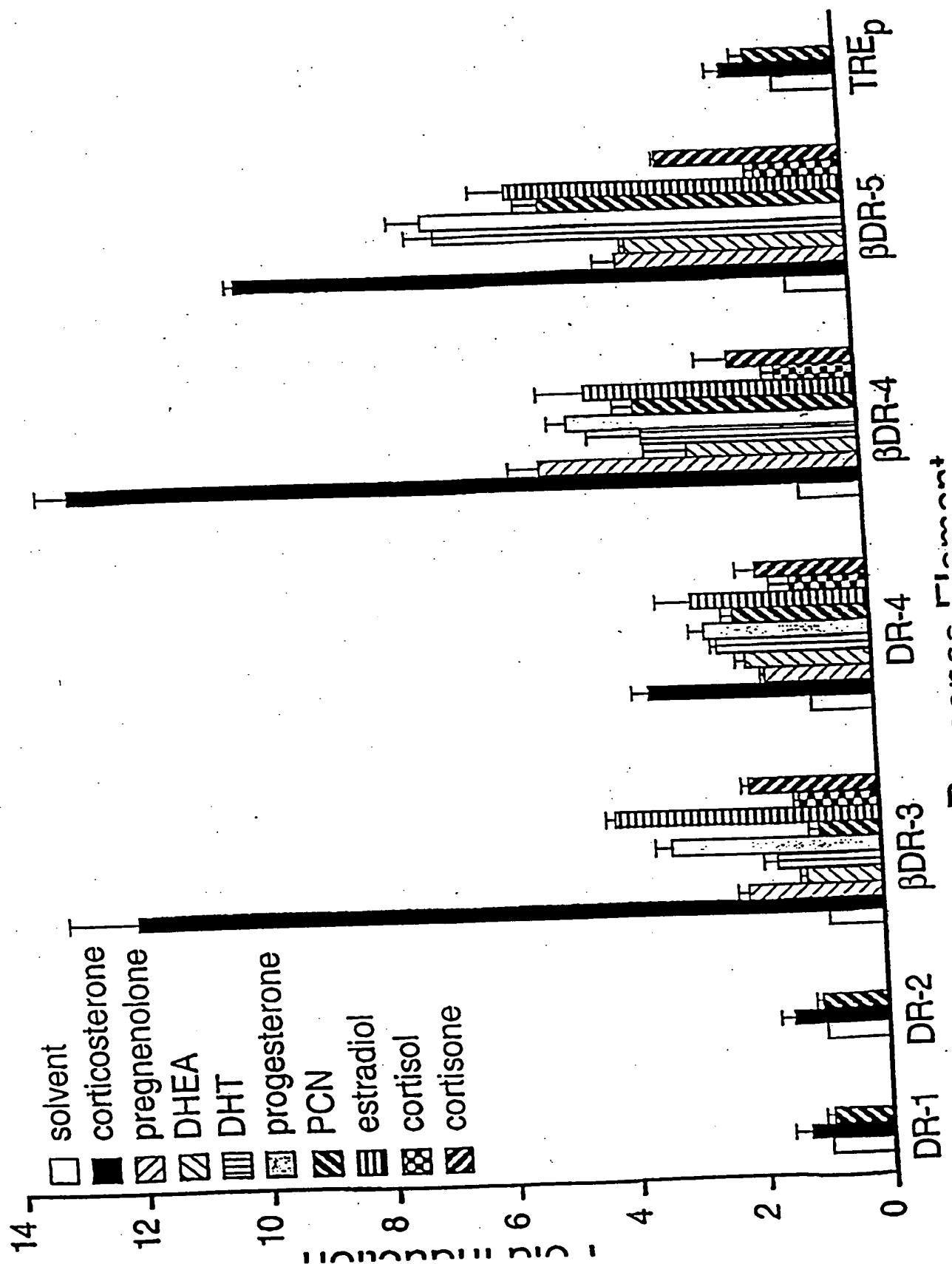


FIG. 4

100249 2004960

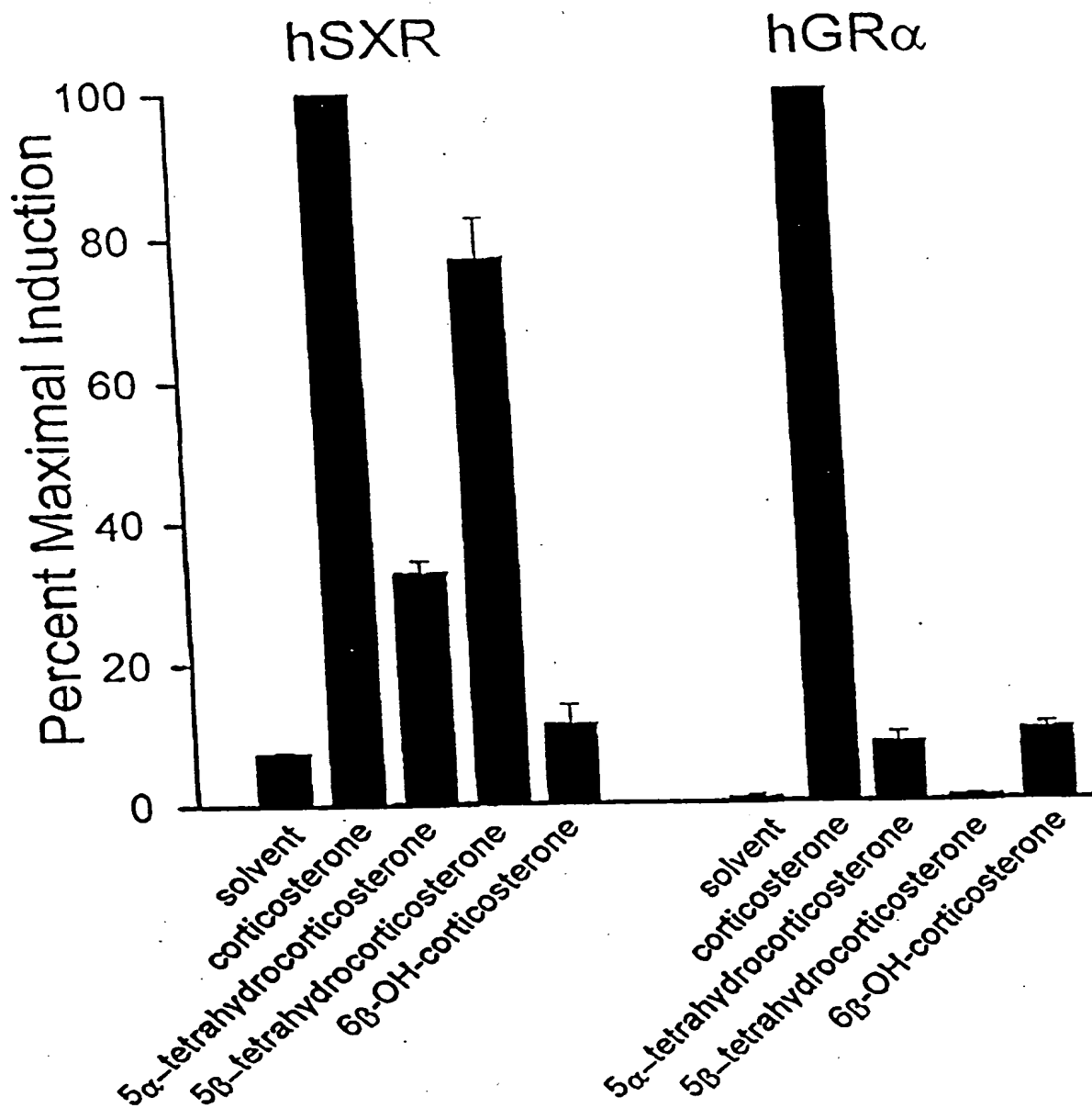


FIG. 5



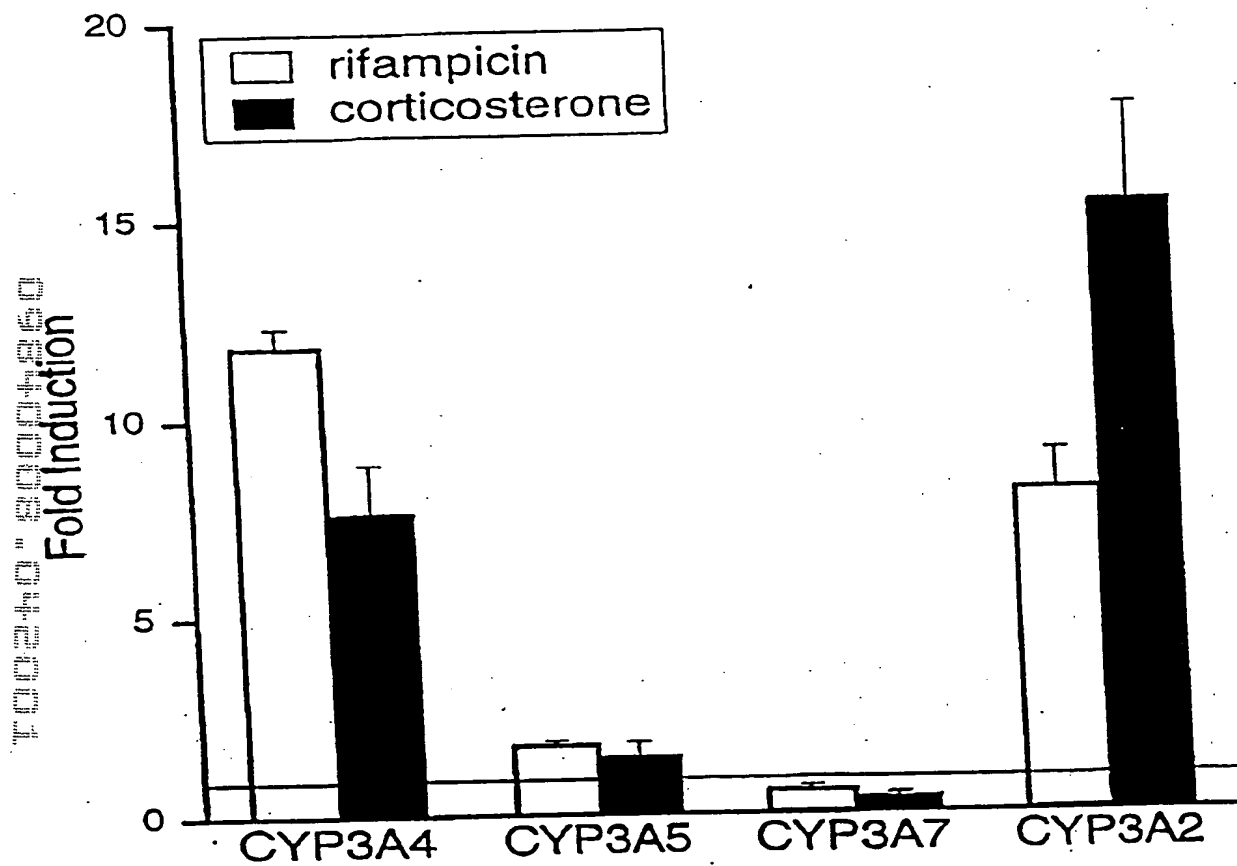
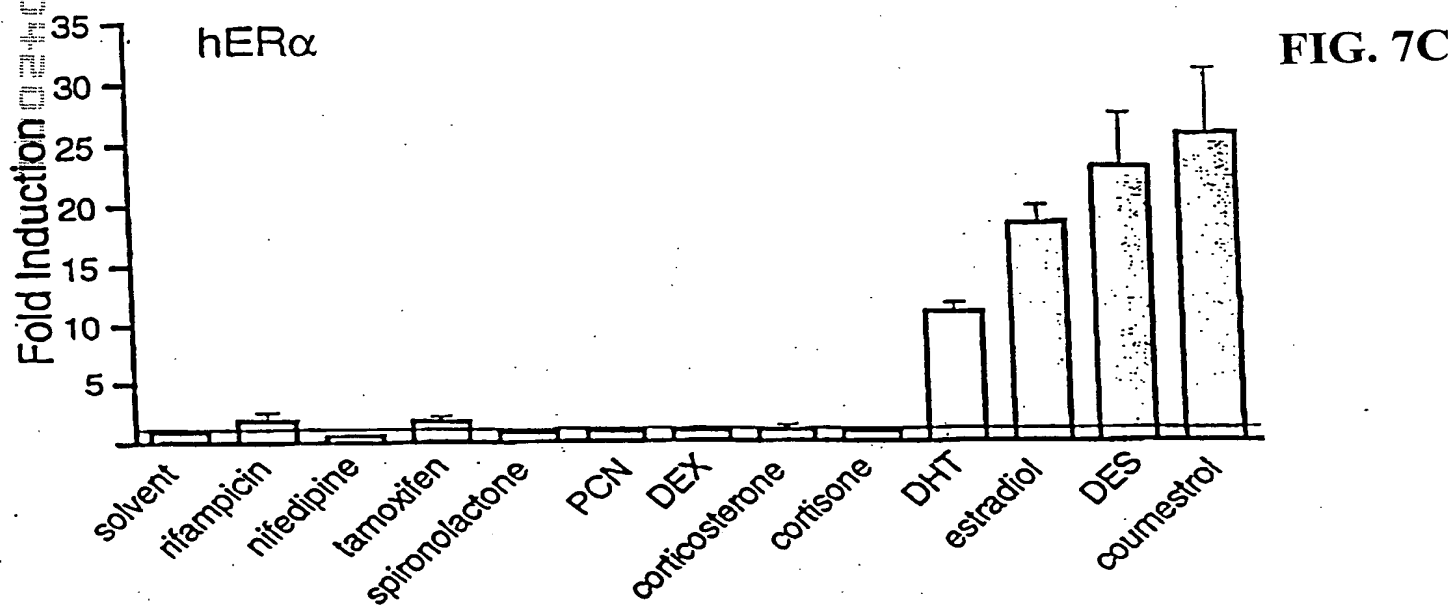
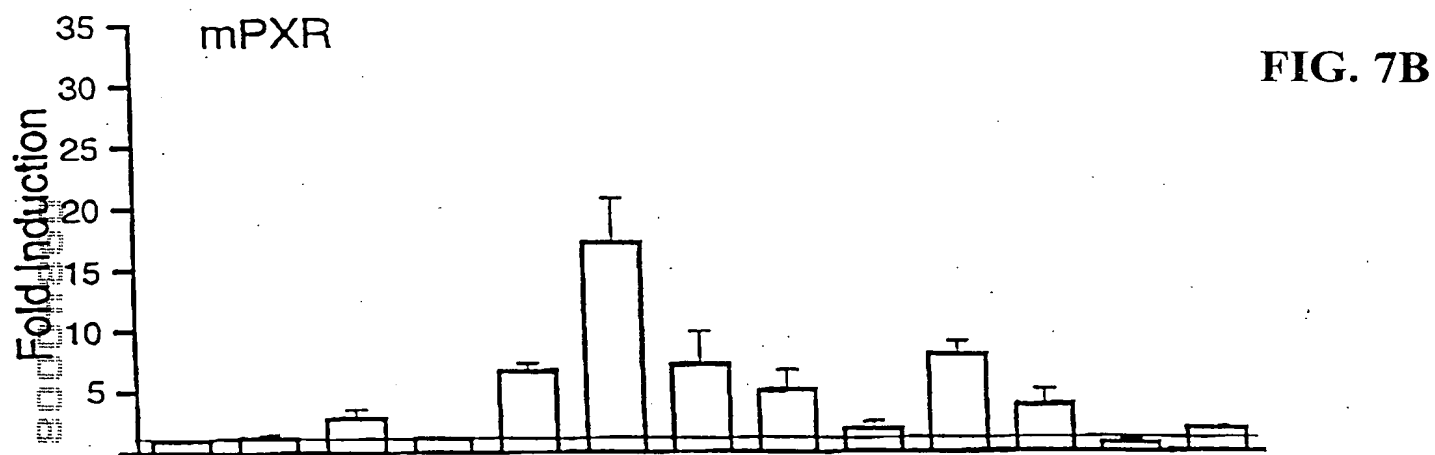
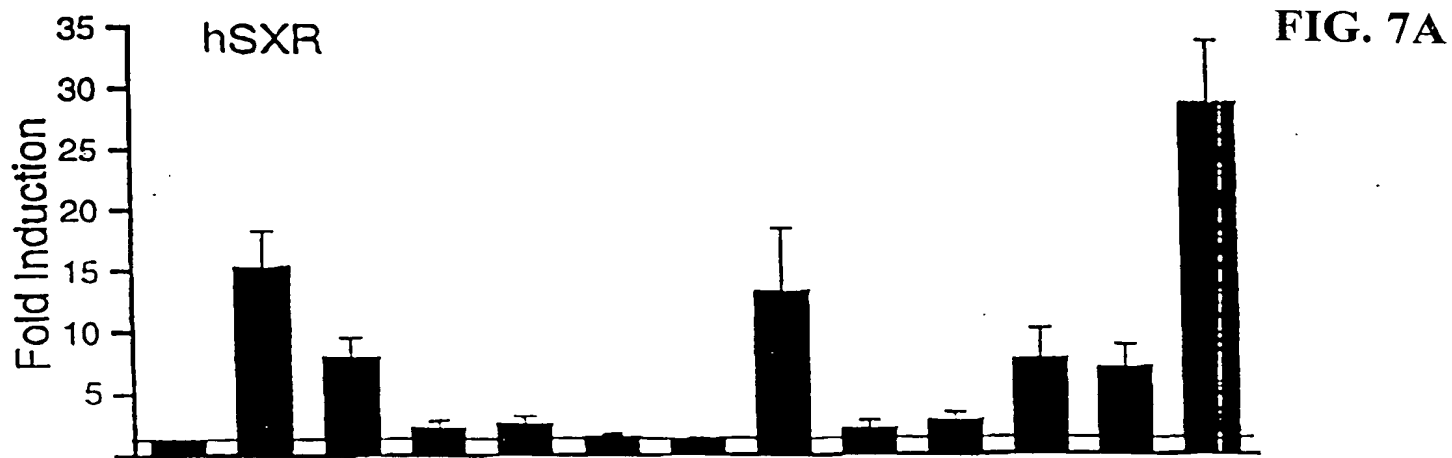
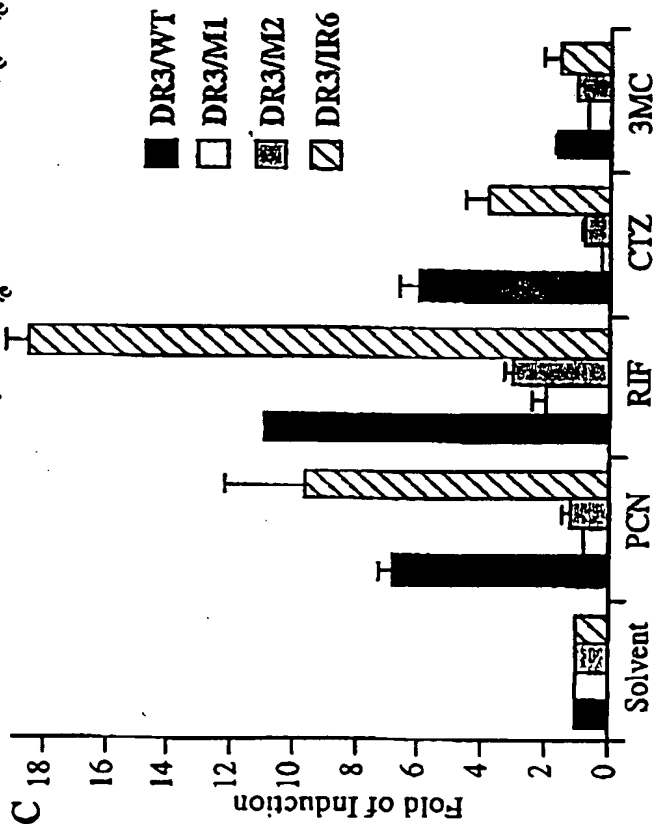
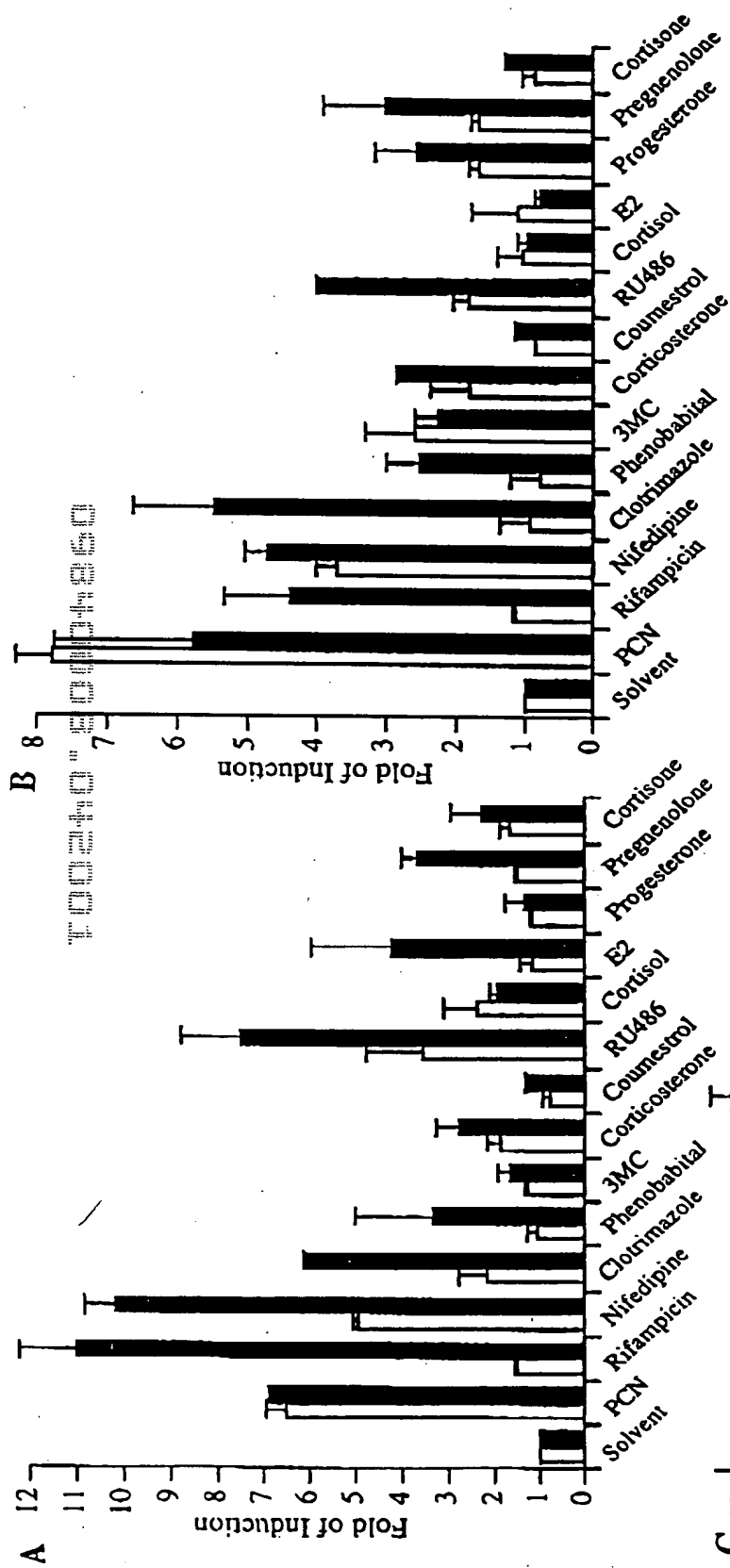


FIG. 6C







■ DR3/WT (TGAACCTcaTGAACT)  
 □ DR3/M1 (TGTTCCTcaTGTTCCT)  
 ▨ DR3/M2 (ACAACTcaTGAACT)  
 ▩ DR3/IR6 (TGAACCTcaaggAGGTCA)

**FIG. 8**

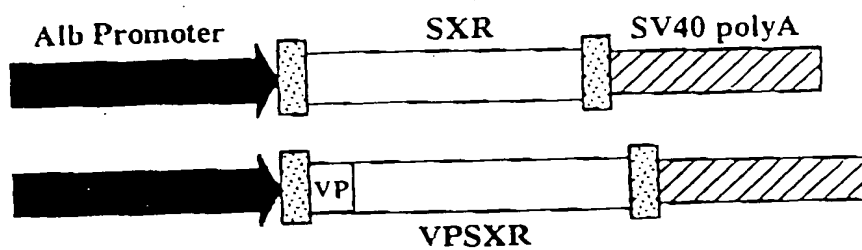


FIG. 9

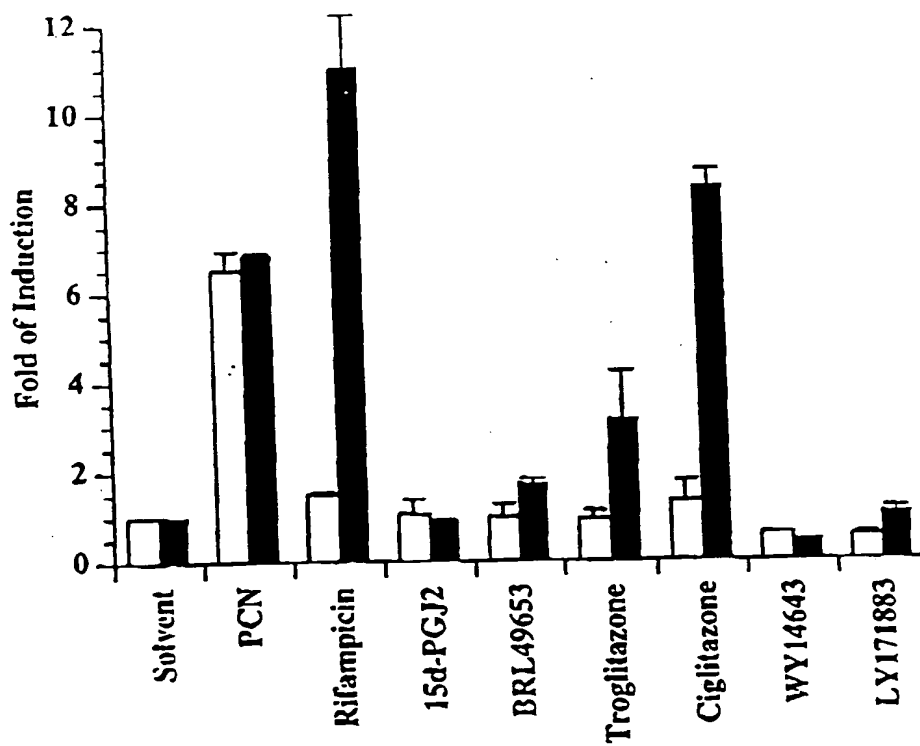
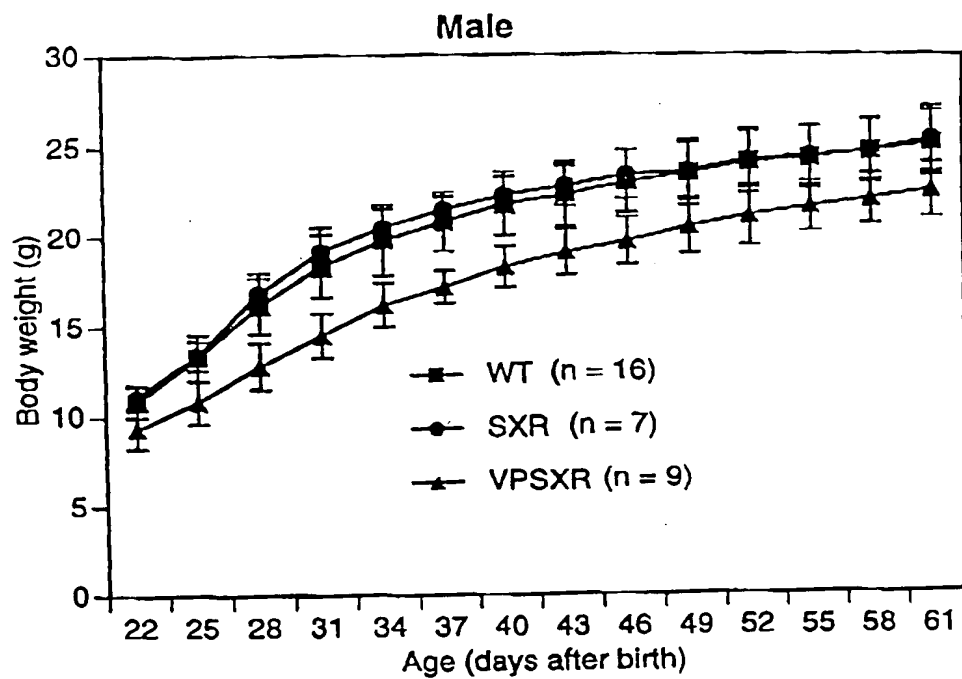
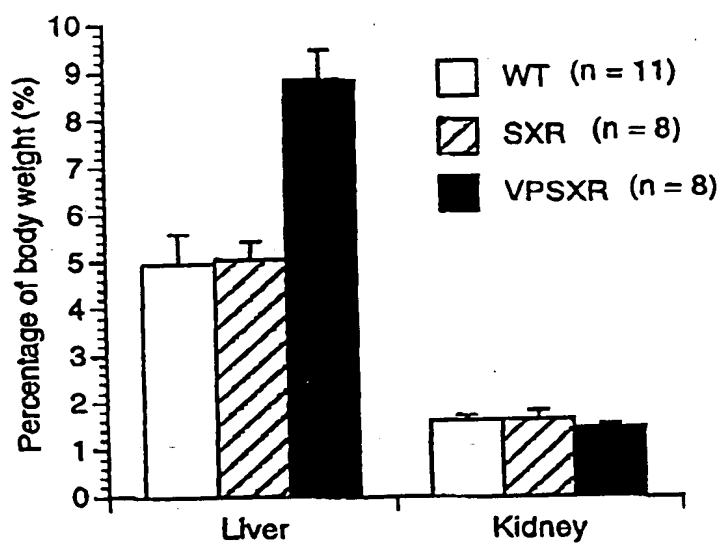


FIG. 10



**FIG. 11**



**FIG. 12**